Please amend claims 7, 11, and 12 as follows.

7. (Amended) The assembly according to claim 21, further comprising:

a pin displacement calibration feature including a resilient element biasing the pin with respect to the overmolded cap and a first locator adjusting the position of the resilient element with respect to the overmolded cap.

11. (Amended) The assembly according to claim 21, wherein the overmolded cap further includes a locking feature adapted for releasable retaining an electrical connector with respect to the connection body formation.

12. (Amended) The assembly according to claim 21, wherein the overmolded cap further includes a snap fastening feature adapted for securing the overmolded cap to a mount.

Please add the following new claims 21 – 24 as follows.

21. (New) A purge solenoid valve assembly having a valve driven by a solenoid, the assembly comprising:

a bobbin;

a wire wound around the bobbin;

at least one terminal electrically connected to the wire; and

an overmolded cap generally encapsulating the bobbin and the wire, the overmolded cap including a connector body formation partially encapsulating the at least one terminal; and

a pin having a first portion at least partially surrounded by the bobbin adjacent a second portion adapted for prohibiting flow through an aperture of a valve seat, the first portion having a cross-sectional area greater than a cross-sectional area of the second portion, the pin displaceable with respect to the bobbin when an electric current flows through the wire.

22. (New) The assembly according to claim 21, further comprising:

a valve seat disposed at an outlet of the assembly, the valve seat including an aperture sized to receive the second portion of the pin to prohibit flow through the valve seat.

23. (New) The assembly according to claim 22, further comprising:

an elastomeric member disposed on the second portion of the pin, the elastomeric effectively sealing the aperture of the valve seat to prohibit flow through the valve seat when the second portion is disposed in the aperture.

24. (New) The assembly according to claim 23, wherein the elastomeric member comprises an O-ring.